PRITHVIRAJ CHAVAN

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PROFILE

Data-driven **Data Analyst** with expertise in **Advanced Excel**, **data analytics**, and **report generation** to deliver actionable insights. Proficient in **MS-Excel** for developing complex spreadsheets and dashboards, with additional skills in **Python** and **SQL** for data processing and automation. Skilled in **exploratory data analysis**, **KPI tracking**, and **stakeholder presentations**. Passionate about leveraging analytics to support decision-making and optimize processes in dynamic environments.

EDUCATION

B.E., Computer Science and Engineering   2020 – 2024
K.S. School of Engineering and Management, Bangalore

SKILLS

Programming languages	**Python**, **SQL**
Tools	**MS-Excel (Advanced)**, **Power BI**
Analytics	**Exploratory Data Analysis**, **KPI Analysis**, **Dashboard Design**, **Data Processing**
Techniques	**Advanced Excel Formulas**, **Pivot Tables**, **VLOOKUP**, **Data Visualization**
ML	**Scikit-learn**, **NLP**, **Predictive Modeling**
Databases	**PostgreSQL**, **MySQL**
Soft Skills	**Time Management**, **Problem-Solving**

EXPERIENCE

ML Intern, Prinston Smart Engineers, Bangalore   Aug 2023 – Sep 2023

- Developed telecom churn prediction model with **90% accuracy** using **Scikit-learn**, creating **Excel-based reports** to present insights for client retention strategies.
- Processed large datasets using **Advanced Excel** and **PySpark**, automating ETL pipelines to improve efficiency by **20%** for campaign analytics.
- Conducted **exploratory data analysis** with **Excel Pivot Tables** and **Python**, reducing analysis time by **15%** through optimized workflows.

PROJECTS

HireSphere – Recruitment Automation (Ongoing)

- Designed **NLP-based** CV screening tool using **LLMs**, targeting **40% reduction** in HR workload.
- Collaborated with teams to align tool development with KPIs, using **Advanced Excel formulas** for performance tracking.
- Currently optimizing scalability and developing an interview scheduling bot to enhance automation.

E-Commerce Data Pipeline (UCI Online Retail Dataset)

- Designed a scalable data pipeline to process e-commerce customer data (**500k+ records**) using **Python** and **Apache Spark** for distributed processing.
- Developed a **PostgreSQL** schema and implemented ETL workflows with **SQLAlchemy**, handling **135k missing CustomerID values** to ensure data integrity.
- Engineered metrics like purchase frequency and trends using **SQL** and **Python**, supporting business analytics and decision-making for e-commerce strategies.

CERTIFICATIONS

- **IBM Data Science Professional Certificate**, 2024
- **Python Certification**, HackerRank, 2024
- **AWS Cloud Technical Essentials**, 2025